

BONE FIXING MEMBER

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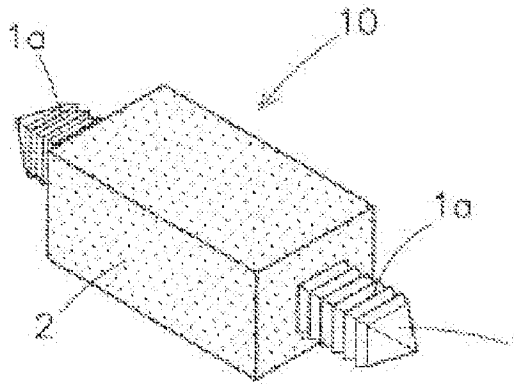
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Abstract of JP 2003235861 (A)

PROBLEM TO BE SOLVED: To provide a bone fixing member to be appropriately used for fixing and bonding bones made porous and weak like wafers by osteoporosis by fixing the bones as a wedge on the initial stage of burying in the incised bones, directly bonding with the bones by conductively forming bone tissue peripherally afterwards and being absorbed into the body finally to be replaced with the bones. ; **SOLUTION:** The bone fixing member is composed of an intra-organism absorbent porous body 2 containing bioactive ceramics powder and an intra-organism decomposition absorbent pin 1 passed through the porous body 2 and protruding both terminals from the porous body 2. Otherwise, the bone fixing member is composed of the porous body 2 and an intra-organism decomposition absorbent screw to be driven into a bone bonding part where the porous body 2 is buried. On the initial stage of burying of such a bone fixing member, the bone is fixed with the pin 1 or the screw and afterwards, the bone fixing member is directly coupled with the bone by conductively forming the bone tissue parallel with the hydrolysis of the porous body 2. Finally, the porous body 2 is completely absorbed and replaced with the bone. ; **COPYRIGHT:** (C) 2003,JPO



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